

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-009856**Date Inspected:** 21-Oct-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** **Yes No N/A****Rod Oven in Use:** **Yes No N/A****Electrode to specification:** **Yes No N/A****Weld Procedures Followed:** **Yes No N/A****Qualified Welders:** **Yes No N/A****Verified Joint Fit-up:** **Yes No N/A****Approved Drawings:** **Yes No N/A****Approved WPS:** **Yes No N/A****Delayed / Cancelled:** **Yes No N/A****Bridge No:** 34-0006**Component:** OBG Segment**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, M. Manikandan was present during the time noted above for observations relative to the work being performed.

OBG # TRIAL ASSEMBLY YARD (1AAE-1AE)

Caltrans Quality Assurance (QA) inspector observed at the Deck Panel for skin flatness at 1AAE to 1AE segment near transverse splice weld joint OBE1-001 (Location 16 to 16.5m of the weld joint, Whereas '0' starts Crossbeam side). The surface flatness survey data was taken on the exterior side (flat side of the weld) on the Deck Panel. The out of flatness measurement is 7mm over a length of 600mm. For further information, please see the attached pictures below.

OBG # TRIAL ASSEMBLY YARD (1AE-1BE)

This QA inspector performed Ultrasonic Testing (UT) and collected data of Caltrans QA Inspectors B205 rejectable indications identified by UT for 1AE-1BE, Weld Number # OBE1A-008. Prepared and forwarded to team lead leader the Ultrasonic Transverse indication Evaluation Sheet and Scatter graph for further action.

OBG # TRIAL ASSEMBLY YARD (1AAE-1AE)

This QA inspector performed Ultrasonic Testing (UT) and collected data of Caltrans QA Inspectors B277, B288 and B284 rejectable indications identified by UT for 1AAE-1AE, Weld Number # OBE1-001. Prepared and

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forwarded to team lead leader the Ultrasonic Transverse indication Evaluation Sheet and Scatter graph for further action.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No Relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

Inspected By:	Manikandan,Murugan
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Quality Assurance Inspector

Reviewed By:	Carreon,Albert
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QA Reviewer
